Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 19 Dec 2020 until 23:59 on Sunday 20 Dec 2020

Forecast Issued on Friday 18 Dec 2020 at 12:53

Confidence: High confidence in general outline of the forecast for the beginning of the period some uncertainty by the middle of next week in the synoptic pattern.

Headline for Saturday 19 Dec 2020: A showery day with strong southwesterly winds, possibly gales on the tops.

Mountain weather hazards on Saturday 19 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain showers	Sunny intervals	Sunny intervals	Light rain showers (night)	Light rain showers (night)
Precipitation probability							
70%	70%	30%	40%	20%	20%	40%	40%

Forecast for Saturday 19 Dec 2020

Weather: Bands of blustery showers will push across the Peak District during Saturday, some showers will group together to give longer periods of rain. Some of the showers will be heavy with the risk of thunder at times. There will be occasional brighter or sunny intervals out with showers especially during the afternoon.

Chance of cloud free mountain/hill tops above 600m: 70%, scattered cloud will shroud the hill tops at times especially during heavier showers but this cloud will move on quite well except on some of the more southerly peaks where cloud may linger for much of the day around 500m.

Visibility: Visibility will be good out with showers however visibility will dip to moderate or poor at times in showers particularly in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Saturday 19 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/43 S	25/36 S	22/31 S	24/35 S	27/38 S	23/34 SW	26/37 S	25/37 SW	25/37 SW
300	25/38 S	18/31 S	15/24 S	18/29 S	20/31 S	17/28 S	19/31 S	19/31 S	18/30 SW
Valley	17/37 S	13/29 S	10/24 S	12/28 S	15/32 S	12/27 S	14/30 S	13/30 S	14/30 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/2	7/2	6/1	5/-0	5/-1	5/-1	4/-2	3/-3	3/-3
300	10/6	9/6	8/5	8/4	8/3	7/3	6/2	6/1	6/1
Valley	10/7	10/7	9/6	8/5	8/5	8/5	7/3	6/2	6/2
Freezing Level*	1900m	1700m	1400m	1300m	1200m	1100m	1200m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong southerly winds at height will strengthen further in the afternoon and evening, possible gale force gusts will be likely around the heavier showers. Note the freezing level lowering during the day making it feel colder.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 18 Dec 2020	7.2mm	7.4mm	17.4mm

Forecast for Sunday 20 Dec 2020

Weather: A mainly dry day on Sunday although one or two showers may affect the Peak District, any showers are likely to be mainly light and move through quite quickly with visibility only dipping a little, Some long sunny or bright spells throughout the day and some areas will see very few showers.

Maximum wind: Southwesterly 20mph gusts 30-35 mph.

Chance of cloud free mountain/hill tops above 600m: 80%, there will be periods of time when shower cloud fall just below the tops however this will be short lived with good opportunities for views across the Peak District.

Visibility: Mainly good but becoming moderate in showers.

Temperature: **Valleys:** Plus 7 Celsius
At 600m: Plus 4 Celsius.
Freezing level: Above the summits

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